

Title (en)
Device for measuring the thermal conductivity of a fluid

Title (de)
Vorrichtung zur Messung der Wärmeleitfähigkeit eines Fluidums

Title (fr)
Appareil pour mesurer la conductivité thermique d'un fluide

Publication
EP 1050756 A3 20011024 (EN)

Application
EP 00108061 A 20000425

Priority
IT MI990996 A 19990507

Abstract (en)
[origin: EP1050756A2] It is disclosed a device for measuring the thermal conductivity of a fluid comprising a first section with at least one duct in which the gas flows and at least one heat-sensitive resistance element placed in that duct, and a second section for the detection of an electric quantity which is dependent on variations in the electrical resistance of the heat-sensitive resistance elements. The device also comprises first means of thermoregulation to maintain the first detection section at a constant temperature (T1) and second means of thermoregulation to maintain the at least part of the second section at a constant temperature (T2) independent of the said first temperature (T1). <IMAGE>

IPC 1-7
G01N 27/18; **G01N 25/18**

IPC 8 full level
G01N 27/18 (2006.01)

CPC (source: EP US)
G01N 27/18 (2013.01 - EP US); **G01N 27/185** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1050756 A2 20001108; **EP 1050756 A3 20011024**; **EP 1050756 B1 20090610**; DE 60042355 D1 20090723; IT 1312311 B1 20020415; IT MI990996 A1 20001107; US 6361204 B1 20020326

DOCDB simple family (application)
EP 00108061 A 20000425; DE 60042355 T 20000425; IT MI990996 A 19990507; US 56284100 A 20000501